

IN THE CLAIMS

1. (Currently Amended) A ~~method of operating broadcast or multicast apparatus,~~ the method comprising:

~~controlling the apparatus to broadcast broadcasting or multicast multicasting, in respect of one or more announcements on a lower first level of a hierarchical structure, and the one or more announcements~~ relating to a category of an information service, and

broadcasting or multicasting on a second level of the hierarchical structure:

data indicating a category to which the one or more announcements transmitted at the first level relate, and

data indicating the quantity of announcement information constituting the one or more first level announcements,

wherein the first level is lower than the second level transmitted in respect of the lower level.

2. (Currently Amended) A method as claimed in claim 1, in which the ~~data is broadcast or multicast in respect of one or more announcements on an~~ first level is immediately lower below the second level.

3. (Currently Amended) A method as claimed in claim 1, further comprising ~~controlling the apparatus to broadcast broadcasting or multicast multicasting at the second level~~ information identifying a location of access of the ~~lower~~ first level announcement information.

4. (Currently Amended) A method as claimed in claim 1, further comprising ~~controlling the apparatus to broadcast broadcasting or multicast multicasting at the second level~~ information identifying a timeout value.

5. (Currently Amended) A method as claimed in claim 1, further comprising ~~controlling the apparatus to broadcast broadcasting or multicast multicasting at the second level~~ information identifying a transport format of the ~~lower~~ first level announcements.

6. (Previously Presented) A method as claimed in claim 1, wherein the broadcast or multicast is an Internet Protocol datacast transmission using time-slicing.

7. (Currently Amended) An apparatus comprising:

an information service broadcaster or multicaster, the apparatus being arranged to produce for broadcasting or multicasting on a second level of a hierarchical structure:

data indicating a category to which one or more announcements on a lower first level and relating to information service belong, and

data indicating the quantity of announcement information transmitted in respect of constituting the lower first level one or more announcements,

wherein the first level is lower than the second level.

8. (Currently Amended) An ~~information service broadcaster or multicaster~~ apparatus as claimed in claim 7, in which the ~~announcement data relates to one or more~~ announcements on an first level is immediately lower below the second level.

9. (Currently Amended) A method of operating a receiver, the method comprising:

receiving via a receiver announcement data at a second level in a hierarchical structure, the announcement data indicating a category to which one or more announcements on a ~~lower first level, the first level being lower than the second level,~~ and relating to an information service belong, and quantity data indicating the quantity of announcement information transmitted ~~in respect of constituting the lower first level announcements announcement data;~~ and

controlling the receiver to receive announcement data for a period of time dependent at least in part on the quantity data.

10. (Currently Amended) A method as claimed in claim 9, in which the ~~announcement data relates to one or more announcements on an~~ first level is immediately ~~lower~~ below the second level.

11. (Currently Amended) A method as claimed in claim 9 in which the controlling step includes directing the receiver to a location received as part of a relevant ~~higher~~ second level announcement.

12. (Currently Amended) A method as claimed in claim 9, further comprising receiving in connection with the ~~higher~~ second level announcement information indicating a timeout value, and controlling the receiver to cease receiving announcement data for a period of time dependent the timeout value, and to subsequently resume receiving announcement data.

13. (Currently Amended) A apparatus, comprising: a receiver for receiving ~~announcement data at a second level in a hierarchical structure, the data comprising:~~ announcement data indicating a category to which one or more announcements on a ~~lower layer~~ first level and relating to an information service belong, and

quantity data indicating the quantity of announcement information transmitted in respect of constituting the lower first level announcements wherein the first level is lower than the second level; and

the receiver being arranged to receive announcement data on the lower level for a period of time dependent at least in part on the quantity data.

14. (Currently Amended) A receiver An apparatus as claimed in claim 13, in which the announcement data relates to one or more announcements on an first level is immediately lower below the second level.

15. (Currently Amended) A receiver An apparatus as claimed in claim 13 which is arranged to be directed to a location identified by location information data receivable as part of the higher second level announcement.

16. (Currently Amended) A receiver An apparatus as claimed in claim 13, which is arranged to cease receiving lower first level announcement data for a period of time dependent on a timeout value receivable by the receiver, and to resume subsequently receiving information service data.

17. (Currently Amended) A receiver An apparatus as claimed in claim 13, which is a portable, battery-powered receiver.

18. (Currently Amended) A receiver An apparatus as claimed in claim 13, which is arranged to receive time-sliced Internet Protocol datacast transmissions.

19. (Currently Amended) A user interface,
the user interface being useable with an electronic program or service guide, wherein the user interface comprising comprises:

a receiver module arranged to receive data at a second level in a hierarchical structure, wherein the data comprises data indicating a category to which one or more announcements on a lower first level and relating to an information service belong, and quantity data indicating the quantity of announcement information transmitted in respect of the lower first level announcements, and wherein the first level is lower than the second level, and

a display module arranged to display a number of category options, which options are selectable by a user, the number of category options being dependent at least in part on the quantity data.

20-22 (Canceled).

23. (New) An apparatus, comprising:

means for broadcasting or multicasting an information service, the apparatus being arranged to produce for broadcasting or multicasting on a second level of a hierarchical structure:

means for indicating a category to which one or more announcements on a first level and relating to information service belong, and

means for indicating the quantity of announcement information constituting the first level one or more announcements,

wherein the first level is lower than the second level.

24. (New) An apparatus, comprising:

means for receiving data at a second level in a hierarchical structure, the data comprising:

means for indicating a category to which one or more announcements on a first level and relating to an information service belong, and

means for indicating the quantity of announcement information constituting the first level announcements wherein the first level is lower than the second level; and

the means for receiving data being arranged to receive the means for indicating a category on the lower level for a period of time dependent at least in part on the means for indicating the quantity of announcement information.

25. A user interface, comprising:

means for receiving data at a second level in a hierarchical structure, wherein the data comprises data indicating a category to which one or more announcements on a first level and relating to an information service belong, and quantity data indicating the quantity of announcement information transmitted in respect of the first level announcements, and wherein the first level is lower than the second level, and

means for displaying a number of category options, which options are selectable by a user, the number of category options being dependent at least in part on the quantity data.